II. AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented) A system for providing security for an Internet server, comprising:

a logical security system for processing login and password data received from a client device during a server session with the Internet server in order to authenticate a user; and

a physical security system for processing Internet protocol (IP) address information of the client device at the Internet server in order to authenticate the client device for the duration of the server session.

2. (Original) The system of claim 1, further comprising a memory system for storing a list of each logged in user and a reference IP address collected during a login procedure.

3. (Original) The system of claim 2, wherein the physical security system compares the IP address of a received message with the reference IP address for the user.

4. (Original) The system of claim 3, wherein the physical security system terminates the session for the user if the IP address obtained from the received message does not match the reference IP address for the logged in user.

5. (Original) The system of claim 4, wherein the physical security system deletes all instances of the logged in user from the stored list if the IP address obtained from the received message does not match the reference IP address for the logged in user.

6. (Original) The system of claim 2, wherein the physical security system includes a proxy server module for comparing a portion of an IP address obtained from a received message against a like portion of the reference IP address for the logged in user.

7. (Previously presented) A method of authenticating a user accessing an Internet server, comprising:

storing in a memory system a reference Internet protocol (IP) address and associated login data whenever a new server session is initiated on the Internet server from a client device;

receiving a message from a requesting user at the Internet server;

obtaining login data accompanying the message;

obtaining an IP address from a message header in the message;

determining if the login data of the requesting user is currently listed in the memory system as an existing session with the Internet server; and

if the login data of the requesting user is currently listed, determining at the Internet server if the IP address from the received message matches the reference IP address associated with the login data of the requesting user.

8. (Original) The method of claim 7, comprising the further step of initiating a login procedure if the login data of the requesting user is not currently listed in the memory system.

9. (Original) The method of claim 7, comprising the further step of terminating all server sessions listed in the memory system having the login data of the requesting user if the IP address from the obtained message does not match the reference IP address.

10. (Original) The method of claim 7, wherein the step of determining if the IP address from the received message matches the reference IP address associated with the login data of the requesting user includes the steps of:

examining a portion of the IP address of the requesting user; and

determining if the portion matches a like portion of the reference IP address.

11. (Previously Presented) A program product stored on a recordable medium for providing security for an Internet server, the program product comprising:

means for processing logical security information received from a client device during a server session in order to authenticate a user; and

means for processing Internet protocol (IP) address information of the client device in order to authenticate the client device during the server session by comparing the IP address of a received message against the list of IP addresses stored by the server.

12. (Original) The program product of claim 11, further comprising a memory system for storing a list of each logged in user and a respective reference IP address collected during a login procedure.

13. (Original) The program product of claim 12, wherein the means for processing IP address information compares a login name and IP address of a received message against the list of logged in users and their respective reference IP addresses.

14. (Original) The program product of claim 13, wherein the means for processing IP address information terminates the session for the user if the IP address obtained from the received message does not match the reference IP address for the logged in user stored in the list.

15. (Original) The program product of claim 14, wherein the means for processing IP address information deletes all instances of the logged in user from the stored list if the IP address obtained from the received message does not match the respective reference IP address for the logged in user.

16. (Original) The program product of claim 12, wherein the wherein the means for processing IP address information includes a proxy server module for comparing a portion of an IP address obtained from a received message against a like portion of the reference IP address for the logged in user.